



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

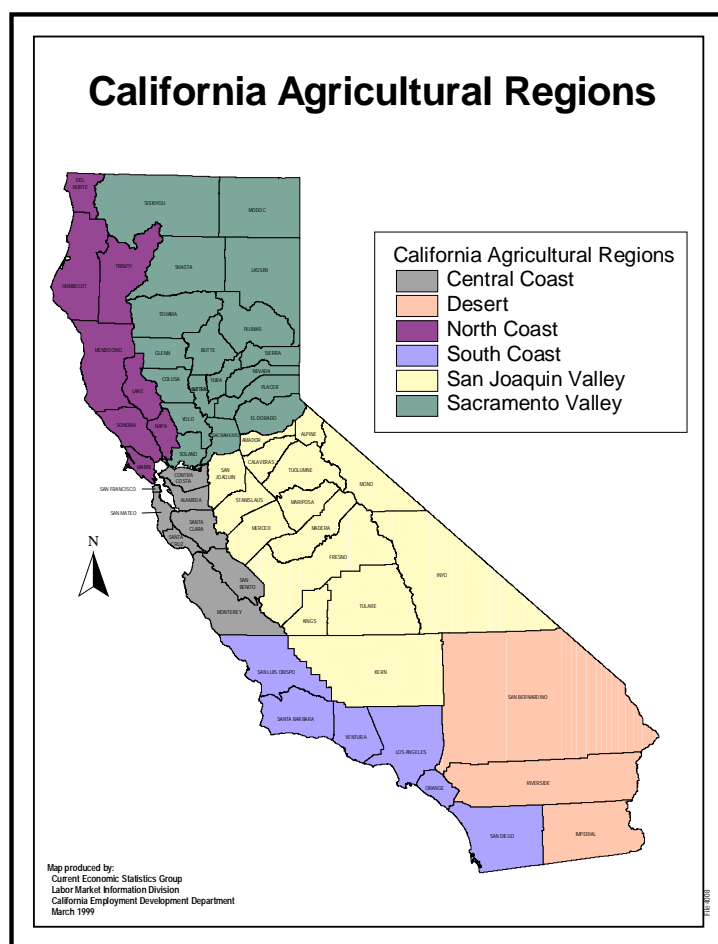
April 2000
(Internet Version)

Agricultural Overview

In This Issue

Agricultural Overview	1
Summary	2
Agricultural Summary Charts	3
California Employment	4
Central Coast Employment	5
Desert Employment	6
North Coast Employment	7
South Coast Employment	8
San Joaquin Valley Employment	9
Sacramento Valley Employment	10
Data Notes	11

This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Introduction

The California Agricultural Bulletin is produced by the Employment Development Department (EDD) in cooperation with the U.S. Department of Agriculture and through a grant from the U.S. Department of Labor. Because of changes in sampling and estimating procedures, farm employment data published by EDD prior to January 1997 may not be strictly comparable to current estimates.

Summary

Employment

California agricultural employment for April 2000 increased 54,500 jobs over the previous month, a gain of 19 percent. From March 2000 to April 2000, Total Agricultural Production registered an increase of 42,900 jobs, a gain of 25 percent. Agricultural Services registered an increase of 11,600 jobs, for a gain of 10 percent. Increases in both Agricultural Production and Agricultural Services are normal for the month of April. The change in California agricultural employment from March 1999 to April 1999 was an increase of 54,400 jobs.

For the month of April 2000, the largest change in the number of jobs occurred in Farm Labor Contractors with an increase of 9,200. Among Production Crops, Berries registered the largest increase in jobs with a gain of 7,200. The largest decrease in jobs was registered in Tree Nuts with a decline of 3,900 workers. Total agricultural employment increased in the Central Coast, South Coast, San Joaquin Valley, and Sacramento Valley regions while the Desert and North Coast regions posted decreases.

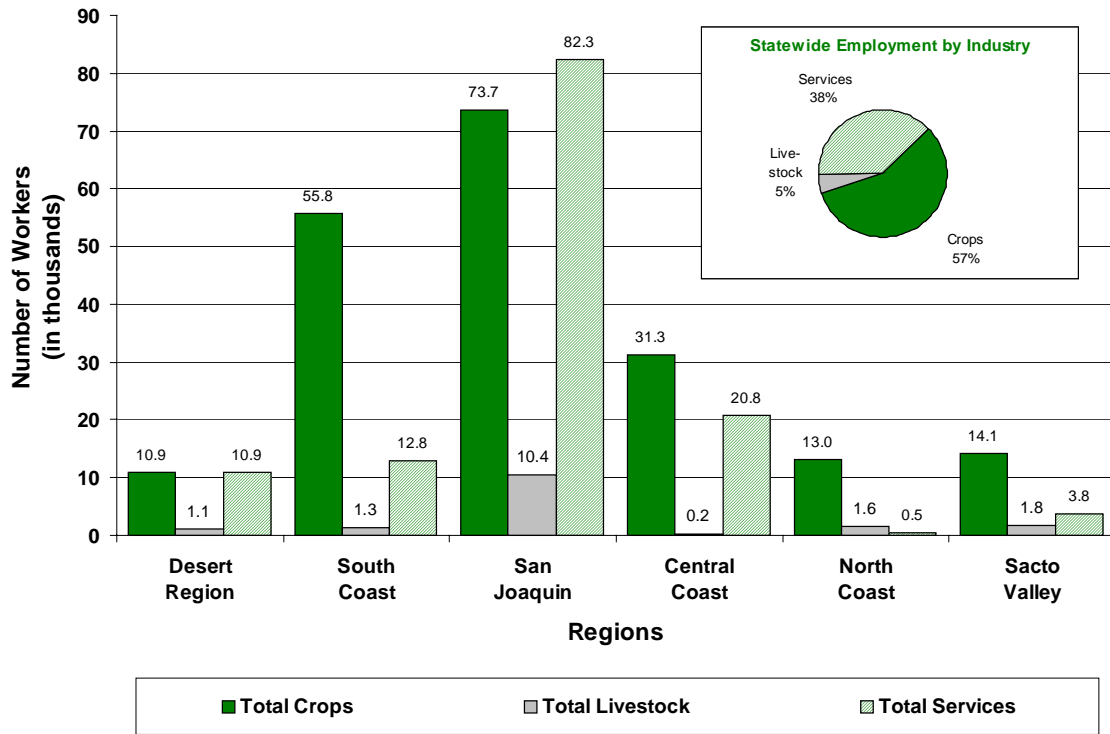
Production and Crop Activity

During the first part of the month, warm sunny conditions prevailed. However, rainfall slowed field activities in most areas during the latter part of the month. When weather permitted, cotton planting continued at a rapid rate and some growers applied granular insecticides to protect seedlings from aphids and mites. Corn was planted as fast as ground could be prepared. Growers also planted safflower, sunflowers, carrots and other summer vegetables. Tomatoes, melons, and peppers were transplanted in the San Joaquin Valley and tomato fields were treated for weeds. Weed control activities also began in corn and cotton fields. Rice growers continued to prepare fields for planting and some aerial rice seeding began. Some early wheat and oats were cut for silage. Alfalfa hay was cut and baled. Onion and garlic fields were irrigated. Leaf lettuce was picked and the harvesting of head lettuce, asparagus, spring sugar beets, and broccoli was active. Strawberry picking was active in the Central Valley. Vegetables harvested during the month included basil, carrots, cabbage, kale, cauliflower, cilantro, mushrooms, parsley, radishes, zucchini, scallop squash, snap beans, English peas, green onions, turnips, artichokes, beets, greens, okra, and radishes.

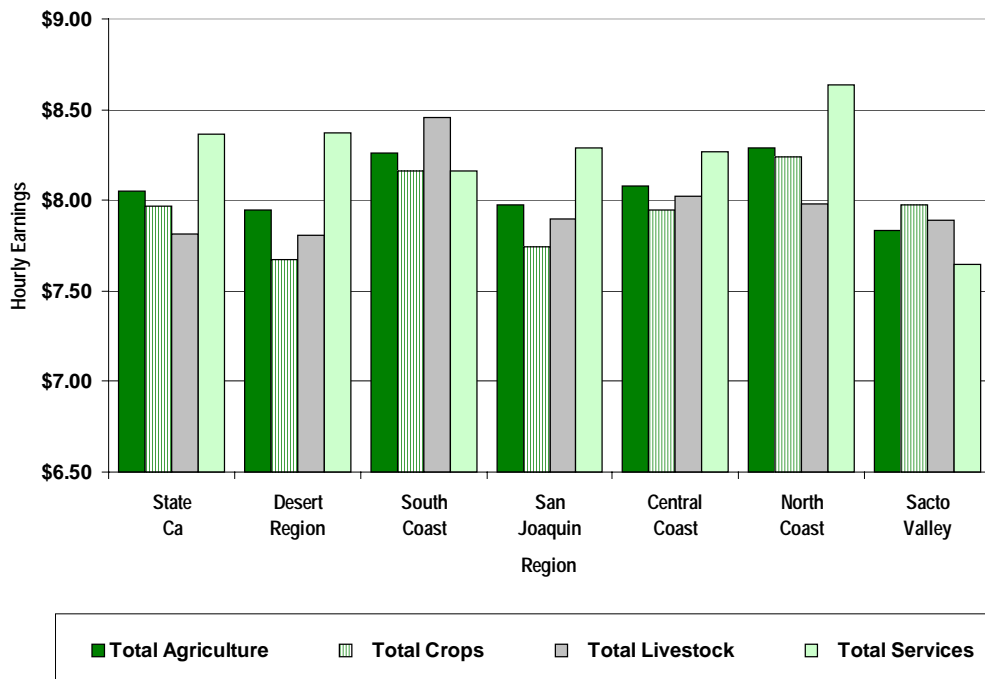
Warm, sunny weather allowed fruit and nut growers to continue planting new trees and vines. Weed control and application of fungicides to stone fruit and almond trees was active. Fruit thinning continued in early varieties of peaches, nectarines, and apricots. Growers irrigated and applied sulfur to control mildew in grape vineyards. Picking of grapefruit and lemon crops was active in southern California. Valencia oranges were harvested in the Desert Region. Navel oranges and minneola tangelos were also picked. Beehives were moved into citrus groves to pollinate new crop citrus blossoms.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	346.3	291.8	353.8
Total Agricultural Production/Crops	198.8	155.8	180.8
Cash Grains	5.3	2.4	2.4
Rice	3.9	1.5	1.2
Other Cash Grains	1.4	0.9	1.2
Field Crops Except Grains	16.4	11.5	10.7
Cotton	7.4	3.6	5.9
Other Field Crops	9.0	7.9	4.8
Vegetables and Melons	45.0	38.5	31.9
Total Fruits and Tree Nuts	76.1	59.4	77.5
Berries	21.8	14.6	22.5
Grapes	23.5	19.4	28.5
Tree Nuts	7.4	11.3	6.6
Citrus Fruits	2.7	1.2	4.5
Deciduous Tree Fruit	9.1	6.3	8.7
Other Fruits & Nuts	11.6	6.6	6.7
Total Horticultural Specialties	33.2	26.8	34.9
Ornamental Floral & Nursery	31.9	25.1	31.6
Food Crops Grown Under Cover	1.3	1.7	3.3
General Farm Primarily Crop	22.8	17.2	23.4
Agricultural Production/Livestock	16.4	16.5	27.0
Beef Cattle Feed Lots	1.5	1.3	0.7
Beef Cattle Except Feed Lots	2.1	1.4	3.1
Dairy Farms	8.5	8.1	15.5
Chicken Eggs	0.5	0.5	2.3
Turkey & Turkey Eggs	0.2	0.4	0.9
Other Livestock	3.6	4.8	4.5
Total Agricultural Services	131.1	119.5	146.0
Soil Preparation Services	1.0	1.4	1.9
Crop Services	36.9	32.4	40.4
Plant Cultivate & Protection	3.8	4.5	6.0
Harvest Primarily by Machine	6.6	2.4	6.2
Preparation Services for Market	26.0	24.8	27.5
Cotton Ginning	0.5	0.7	0.7
Total Farm Labor & Management	93.2	85.7	103.7
Farm Labor Contractors	86.6	77.4	95.5
Farm Management Services	6.6	8.3	8.2

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	8.05	8.06	7.97
Total Agricultural Production/Crops	7.97	7.94	7.99
Cash Grains	8.20	8.43	7.90
Rice	8.32	8.34	8.03
Other Cash Grains	8.08	8.52	7.76
Field Crops Except Grains	8.17	7.77	8.17
Cotton	8.12	7.21	8.43
Other Field Crops	8.22	8.34	7.91
Vegetables and Melons	7.94	7.87	8.17
Total Fruits and Tree Nuts	7.69	7.66	7.71
Berries	7.60	6.98	6.80
Grapes	7.56	7.82	8.26
Tree Nuts	7.65	7.91	7.59
Citrus Fruits	7.74	7.77	8.31
Deciduous Tree Fruit	7.46	7.58	7.19
Other Fruits & Nuts	8.14	7.92	8.12
Total Horticultural Specialties	7.93	8.00	8.15
Ornamental Floral & Nursery	7.77	8.06	8.31
Food Crops Grown Under Cover	8.08	7.94	7.99
General Farm Primarily Crop	7.88	7.90	7.87
Agricultural Production/Livestock	7.81	7.89	7.59
Beef Cattle Feed Lots	7.61	8.02	7.63
Beef Cattle Except Feed Lots	8.27	7.99	8.24
Dairy Farms	8.03	8.11	8.53
Chicken Eggs	7.15	7.35	6.46
Turkey & Turkey Eggs	7.76	7.74	6.45
Other Livestock	8.04	8.15	8.25
Total Agricultural Services	8.36	8.36	8.33
Soil Preparation Services	8.60	8.65	8.84
Crop Services	8.57	8.58	8.54
Plant Cultivate & Protection	8.43	8.28	8.69
Harvest Primarily by Machine	8.38	8.60	8.61
Preparation Services for Market	7.80	8.04	7.76
Cotton Ginning	9.66	9.41	9.13
Total Farm Labor & Management	7.93	7.85	7.61
Farm Labor Contractors	7.66	7.57	7.31
Farm Management Services	8.19	8.13	7.92

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	52.3	32.3	56.6
Total Agricultural Production/Crops	31.3	18.7	31.6
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	1.7	0.8	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	1.7	0.8	0.2
Vegetables and Melons	10.8	5.5	12.6
Total Fruits and Tree Nuts	8.4	4.6	8.1
Berries	5.4	1.1	6.3
Grapes	0.1	0.3	1.1
Tree Nuts	0.7	0.4	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.2	0.8	0.4
Other Fruits & Nuts	2.0	2.0	0.1
Total Horticultural Specialties	9.9	7.1	8.8
Ornamental Floral & Nursery	9.9	6.5	6.7
Food Crops Grown Under Cover	0.0	0.6	2.1
General Farm Primarily Crop	0.5	0.7	1.9
Agricultural Production/Livestock	0.2	0.3	0.9
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.0	0.3
Dairy Farms	0.0	0.0	0.1
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.2	0.3	0.3
Total Agricultural Services	20.8	13.3	24.1
Soil Preparation Services	0.1	0.8	1.0
Crop Services	8.7	4.8	9.1
Plant Cultivate & Protection	0.0	0.0	0.8
Harvest Primarily by Machine	1.9	0.2	1.7
Preparation Services for Market	6.8	4.6	6.6
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	12.0	7.7	14.0
Farm Labor Contractors	11.0	6.6	13.1
Farm Management Services	1.0	1.1	0.9

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	8.08	8.38	8.14
Total Agricultural Production/Crops	7.95	8.00	8.09
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	8.12	8.24	7.37
Cotton	na	na	na
Other Field Crops	8.12	8.24	7.37
Vegetables and Melons	7.99	8.53	9.02
Total Fruits and Tree Nuts	7.98	7.52	8.04
Berries	7.59	6.83	6.77
Grapes	7.98	8.05	8.15
Tree Nuts	7.79	7.45	7.92
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.98	7.16	7.94
Other Fruits & Nuts	8.56	8.13	9.42
Total Horticultural Specialties	7.56	7.64	8.46
Ornamental Floral & Nursery	7.56	7.88	8.46
Food Crops Grown Under Cover	na	7.40	8.45
General Farm Primarily Crop	8.09	8.09	7.54
Agricultural Production/Livestock	8.02	8.74	7.65
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	na	7.81
Dairy Farms	na	na	8.28
Chicken Eggs	na	na	6.68
Turkey & Turkey Eggs	na	na	6.99
Other Livestock	8.02	8.74	8.49
Total Agricultural Services	8.27	8.38	8.70
Soil Preparation Services	8.25	8.22	9.41
Crop Services	8.43	8.58	8.75
Plant Cultivate & Protection	na	na	8.71
Harvest Primarily by Machine	8.59	8.81	8.79
Preparation Services for Market	8.26	8.35	8.75
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.12	8.35	7.93
Farm Labor Contractors	7.78	7.80	7.06
Farm Management Services	8.46	8.90	8.79

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	22.9	26.6	35.7
Total Agricultural Production/Crops	10.9	9.3	15.3
Cash Grains	0.0	0.1	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.1	0.1
Field Crops Except Grains	1.7	1.8	1.6
Cotton	0.0	0.0	0.0
Other Field Crops	1.7	1.8	1.6
Vegetables and Melons	2.7	3.7	3.3
Total Fruits and Tree Nuts	2.4	1.9	6.4
Berries	0.0	0.0	0.2
Grapes	1.3	1.1	4.1
Tree Nuts	0.0	0.1	0.1
Citrus Fruits	0.6	0.1	0.8
Deciduous Tree Fruit	0.0	0.0	0.1
Other Fruits & Nuts	0.5	0.6	1.1
Total Horticultural Specialties	1.5	0.5	1.5
Ornamental Floral & Nursery	1.2	0.5	1.4
Food Crops Grown Under Cover	0.3	0.0	0.1
General Farm Primarily Crop	2.6	1.3	2.4
Agricultural Production/Livestock	1.1	0.7	5.4
Beef Cattle Feed Lots	0.0	0.0	0.3
Beef Cattle Except Feed Lots	0.0	0.0	0.5
Dairy Farms	0.8	0.4	2.8
Chicken Eggs	0.0	0.0	1.2
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.3	0.3	0.6
Total Agricultural Services	10.9	16.6	15.0
Soil Preparation Services	0.0	0.0	0.2
Crop Services	3.9	1.5	5.0
Plant Cultivate & Protection	0.7	0.3	0.4
Harvest Primarily by Machine	0.0	0.0	1.1
Preparation Services for Market	3.1	1.0	3.3
Cotton Ginning	0.1	0.2	0.2
Total Farm Labor & Management	7.0	15.1	9.8
Farm Labor Contractors	6.6	12.7	8.8
Farm Management Services	0.4	2.4	1.0

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	7.95	7.93	8.15
Total Agricultural Production/Crops	7.67	7.81	7.89
Cash Grains	na	8.88	8.08
Rice	na	na	na
Other Cash Grains	na	8.88	8.08
Field Crops Except Grains	7.96	7.80	8.36
Cotton	na	na	na
Other Field Crops	7.96	7.80	8.36
Vegetables and Melons	7.74	7.31	7.21
Total Fruits and Tree Nuts	7.48	7.68	7.64
Berries	na	na	6.80
Grapes	7.11	7.36	8.44
Tree Nuts	na	7.71	6.81
Citrus Fruits	7.25	7.93	7.44
Deciduous Tree Fruit	na	na	7.63
Other Fruits & Nuts	8.08	7.70	8.73
Total Horticultural Specialties	7.64	7.93	8.27
Ornamental Floral & Nursery	7.44	7.93	8.54
Food Crops Grown Under Cover	7.83	na	8.00
General Farm Primarily Crop	7.54	7.25	7.79
Agricultural Production/Livestock	7.81	8.07	8.11
Beef Cattle Feed Lots	na	na	6.92
Beef Cattle Except Feed Lots	na	na	8.52
Dairy Farms	8.02	8.42	9.68
Chicken Eggs	na	na	6.70
Turkey & Turkey Eggs	na	na	na
Other Livestock	7.59	7.71	8.74
Total Agricultural Services	8.37	7.93	8.45
Soil Preparation Services	na	na	9.65
Crop Services	8.57	8.39	8.59
Plant Cultivate & Protection	8.25	8.10	8.68
Harvest Primarily by Machine	na	na	9.75
Preparation Services for Market	8.07	8.07	6.98
Cotton Ginning	9.38	9.00	8.96
Total Farm Labor & Management	8.18	7.47	7.12
Farm Labor Contractors	8.17	7.49	7.08
Farm Management Services	8.18	7.44	7.15

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	15.1	15.7	13.4
Total Agricultural Production/Crops	13.0	14.8	9.9
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.1	0.0
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.1	0.0
Vegetables and Melons	6.5	6.2	0.2
Total Fruits and Tree Nuts	5.8	7.9	7.5
Berries	0.0	0.0	0.0
Grapes	4.7	7.0	6.5
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.3	0.2	0.8
Other Fruits & Nuts	0.8	0.7	0.1
Total Horticultural Specialties	0.6	0.1	1.9
Ornamental Floral & Nursery	0.6	0.1	1.7
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	0.1	0.5	0.3
Agricultural Production/Livestock	1.6	0.4	1.7
Beef Cattle Feed Lots	0.0	0.1	0.1
Beef Cattle Except Feed Lots	0.7	0.1	0.2
Dairy Farms	0.3	0.2	1.0
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.6	0.0	0.3
Total Agricultural Services	0.5	0.5	1.8
Soil Preparation Services	0.1	0.0	0.0
Crop Services	0.0	0.0	0.2
Plant Cultivate & Protection	0.0	0.0	0.1
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.0	0.0	0.1
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	0.4	0.5	1.6
Farm Labor Contractors	0.0	0.0	0.4
Farm Management Services	0.4	0.5	1.2

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	8.29	8.35	8.20
Total Agricultural Production/Crops	8.24	8.49	8.77
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	9.12	na
Cotton	na	na	na
Other Field Crops	na	9.12	na
Vegetables and Melons	8.67	8.47	9.83
Total Fruits and Tree Nuts	8.01	8.13	8.25
Berries	na	na	na
Grapes	7.99	8.77	9.58
Tree Nuts	na	na	7.85
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.79	7.60	7.92
Other Fruits & Nuts	8.25	8.03	7.63
Total Horticultural Specialties	8.26	8.64	8.05
Ornamental Floral & Nursery	8.26	8.64	8.12
Food Crops Grown Under Cover	na	na	7.98
General Farm Primarily Crop	8.01	8.11	8.95
Agricultural Production/Livestock	7.98	7.89	7.58
Beef Cattle Feed Lots	na	8.28	7.72
Beef Cattle Except Feed Lots	8.22	7.94	8.86
Dairy Farms	7.41	7.45	7.39
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	6.26
Other Livestock	8.32	na	7.69
Total Agricultural Services	8.64	8.68	8.25
Soil Preparation Services	8.78	na	na
Crop Services	na	na	8.14
Plant Cultivate & Protection	na	na	8.77
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	na	na	7.50
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.50	8.68	8.36
Farm Labor Contractors	na	na	8.21
Farm Management Services	8.50	8.68	8.50

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	69.9	62.9	68.4
Total Agricultural Production/Crops	55.8	44.8	49.8
Cash Grains	0.5	0.4	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.5	0.4	0.1
Field Crops Except Grains	1.5	1.5	0.1
Cotton	0.0	0.0	0.1
Other Field Crops	1.5	1.5	0.1
Vegetables and Melons	11.0	9.4	7.9
Total Fruits and Tree Nuts	24.8	16.1	20.8
Berries	16.1	13.4	15.9
Grapes	1.4	0.3	1.4
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	1.7	0.8	1.7
Deciduous Tree Fruit	0.0	0.0	0.1
Other Fruits & Nuts	5.6	1.6	1.6
Total Horticultural Specialties	13.5	14.1	16.8
Ornamental Floral & Nursery	12.8	13.2	16.0
Food Crops Grown Under Cover	0.7	0.9	0.8
General Farm Primarily Crop	4.5	3.3	4.1
Agricultural Production/Livestock	1.3	4.1	2.0
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.5	0.5	0.4
Dairy Farms	0.5	0.6	0.2
Chicken Eggs	0.0	0.3	0.4
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.3	2.7	1.0
Total Agricultural Services	12.8	14.0	16.6
Soil Preparation Services	0.2	0.0	0.1
Crop Services	1.9	2.5	3.2
Plant Cultivate & Protection	0.0	0.6	0.5
Harvest Primarily by Machine	1.6	0.1	0.9
Preparation Services for Market	0.3	1.8	1.8
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	10.7	11.5	13.3
Farm Labor Contractors	8.9	10.1	12.1
Farm Management Services	1.8	1.4	1.2

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	8.26	8.11	8.03
Total Agricultural Production/Crops	8.16	8.08	8.00
Cash Grains	8.28	8.11	8.76
Rice	na	na	na
Other Cash Grains	8.28	8.11	8.76
Field Crops Except Grains	8.34	8.26	8.02
Cotton	na	na	8.43
Other Field Crops	8.34	8.26	7.61
Vegetables and Melons	8.03	7.89	7.48
Total Fruits and Tree Nuts	7.97	7.70	8.05
Berries	7.71	6.61	6.83
Grapes	7.55	8.21	9.62
Tree Nuts	na	na	7.75
Citrus Fruits	8.24	7.75	9.19
Deciduous Tree Fruit	na	na	5.98
Other Fruits & Nuts	8.36	8.23	8.92
Total Horticultural Specialties	8.28	8.40	8.33
Ornamental Floral & Nursery	7.91	8.10	7.96
Food Crops Grown Under Cover	8.65	8.70	8.69
General Farm Primarily Crop	8.08	8.09	7.37
Agricultural Production/Livestock	8.45	8.13	8.20
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.72	8.45	8.41
Dairy Farms	8.54	8.54	8.49
Chicken Eggs	na	7.45	5.80
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.10	8.08	10.10
Total Agricultural Services	8.16	8.12	7.88
Soil Preparation Services	8.73	na	7.87
Crop Services	7.92	8.39	8.05
Plant Cultivate & Protection	na	8.59	8.45
Harvest Primarily by Machine	8.41	8.57	7.75
Preparation Services for Market	7.42	8.00	7.95
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.85	7.85	7.71
Farm Labor Contractors	7.94	8.09	7.47
Farm Management Services	7.75	7.60	7.94

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	166.4	139.2	166.6
Total Agricultural Production/Crops	73.7	57.0	65.3
Cash Grains	1.1	0.7	0.8
Rice	1.0	0.6	0.1
Other Cash Grains	0.1	0.1	0.7
Field Crops Except Grains	10.5	7.0	8.2
Cotton	7.4	3.6	5.8
Other Field Crops	3.1	3.4	2.4
Vegetables and Melons	13.3	10.8	7.1
Total Fruits and Tree Nuts	29.0	24.2	31.7
Berries	0.3	0.1	0.1
Grapes	15.1	9.8	14.8
Tree Nuts	4.4	9.5	4.6
Citrus Fruits	0.4	0.3	2.0
Deciduous Tree Fruit	7.1	4.0	6.6
Other Fruits & Nuts	1.7	0.5	3.6
Total Horticultural Specialties	6.7	3.9	4.8
Ornamental Floral & Nursery	6.4	3.9	4.8
Food Crops Grown Under Cover	0.3	0.0	0.1
General Farm Primarily Crop	13.1	10.4	12.7
Agricultural Production/Livestock	10.4	10.3	15.8
Beef Cattle Feed Lots	1.5	1.2	0.3
Beef Cattle Except Feed Lots	0.7	0.8	1.3
Dairy Farms	6.7	6.6	11.0
Chicken Eggs	0.5	0.2	0.6
Turkey & Turkey Eggs	0.2	0.4	0.7
Other Livestock	0.8	1.1	1.9
Total Agricultural Services	82.3	71.9	85.5
Soil Preparation Services	0.6	0.6	0.6
Crop Services	20.5	21.1	21.7
Plant Cultivate & Protection	2.8	3.3	3.8
Harvest Primarily by Machine	2.9	1.9	2.3
Preparation Services for Market	14.4	15.4	15.1
Cotton Ginning	0.4	0.5	0.5
Total Farm Labor & Management	61.2	50.2	63.2
Farm Labor Contractors	58.2	47.3	59.6
Farm Management Services	3.0	2.9	3.6

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	7.98	8.07	7.69
Total Agricultural Production/Crops	7.75	7.89	7.66
Cash Grains	7.86	8.33	7.38
Rice	7.85	8.06	7.63
Other Cash Grains	7.87	8.59	7.13
Field Crops Except Grains	8.13	7.78	8.07
Cotton	8.12	7.21	8.43
Other Field Crops	8.13	8.34	7.70
Vegetables and Melons	7.66	7.53	7.58
Total Fruits and Tree Nuts	7.47	7.73	7.31
Berries	7.50	7.50	na
Grapes	7.09	7.77	7.24
Tree Nuts	7.77	8.08	7.29
Citrus Fruits	7.73	7.63	8.31
Deciduous Tree Fruit	6.76	7.66	6.60
Other Fruits & Nuts	7.94	7.71	7.10
Total Horticultural Specialties	7.60	7.99	7.81
Ornamental Floral & Nursery	7.42	7.99	8.77
Food Crops Grown Under Cover	7.77	na	6.85
General Farm Primarily Crop	7.77	7.97	7.81
Agricultural Production/Livestock	7.90	7.88	7.39
Beef Cattle Feed Lots	7.61	7.76	8.24
Beef Cattle Except Feed Lots	8.22	7.57	7.26
Dairy Farms	8.26	8.45	8.61
Chicken Eggs	7.15	7.25	6.64
Turkey & Turkey Eggs	7.76	7.74	6.10
Other Livestock	8.39	8.52	7.46
Total Agricultural Services	8.29	8.45	8.01
Soil Preparation Services	8.62	9.08	8.44
Crop Services	8.52	8.60	8.43
Plant Cultivate & Protection	8.60	8.29	8.31
Harvest Primarily by Machine	8.23	8.53	8.61
Preparation Services for Market	7.30	7.74	7.50
Cotton Ginning	9.94	9.82	9.30
Total Farm Labor & Management	7.72	7.66	7.17
Farm Labor Contractors	7.36	7.28	6.55
Farm Management Services	8.08	8.04	7.78

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	19.7	14.9	12.9
Total Agricultural Production/Crops	14.1	11.0	8.7
Cash Grains	3.7	1.2	1.4
Rice	2.9	0.9	1.1
Other Cash Grains	0.8	0.3	0.3
Field Crops Except Grains	1.0	0.3	0.5
Cotton	0.0	0.0	0.0
Other Field Crops	1.0	0.3	0.5
Vegetables and Melons	0.7	2.9	0.8
Total Fruits and Tree Nuts	5.7	4.7	3.0
Berries	0.0	0.0	0.0
Grapes	0.9	0.9	0.6
Tree Nuts	2.3	1.3	1.5
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	1.5	1.3	0.7
Other Fruits & Nuts	1.0	1.2	0.2
Total Horticultural Specialties	1.0	0.9	1.0
Ornamental Floral & Nursery	1.0	0.9	1.0
Food Crops Grown Under Cover	0.0	0.2	0.0
General Farm Primarily Crop	2.0	1.0	2.0
Agricultural Production/Livestock	1.8	0.7	1.2
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.2	0.0	0.4
Dairy Farms	0.2	0.3	0.4
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	1.4	0.4	0.4
Total Agricultural Services	3.8	3.2	3.0
Soil Preparation Services	0.0	0.0	0.0
Crop Services	1.9	2.5	1.2
Plant Cultivate & Protection	0.3	0.3	0.4
Harvest Primarily by Machine	0.2	0.2	0.2
Preparation Services for Market	1.4	2.0	0.6
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	1.9	0.7	1.8
Farm Labor Contractors	1.9	0.7	1.5
Farm Management Services	0.0	0.0	0.3

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Apr 2000	Mar 2000	Apr 1999
Total Agriculture	7.84	7.78	7.95
Total Agricultural Production/Crops	7.98	7.94	7.84
Cash Grains	8.43	8.56	7.75
Rice	8.78	8.61	8.43
Other Cash Grains	8.08	8.51	7.07
Field Crops Except Grains	8.57	8.26	8.51
Cotton	na	na	na
Other Field Crops	8.57	8.26	8.51
Vegetables and Melons	7.55	7.49	7.88
Total Fruits and Tree Nuts	7.50	7.69	7.10
Berries	na	na	na
Grapes	7.65	6.77	6.53
Tree Nuts	7.40	8.38	7.93
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.29	7.88	7.06
Other Fruits & Nuts	7.65	7.73	6.89
Total Horticultural Specialties	8.03	7.76	8.00
Ornamental Floral & Nursery	8.03	7.81	8.00
Food Crops Grown Under Cover	na	7.71	na
General Farm Primarily Crop	7.78	7.89	7.77
Agricultural Production/Livestock	7.89	7.70	8.11
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	7.91	na	8.55
Dairy Farms	7.93	7.71	8.75
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	7.82	7.69	7.02
Total Agricultural Services	7.64	7.71	7.90
Soil Preparation Services	na	na	na
Crop Services	8.23	8.22	8.39
Plant Cultivate & Protection	8.45	8.12	9.19
Harvest Primarily by Machine	8.29	8.48	8.14
Preparation Services for Market	7.94	8.06	7.85
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.06	7.19	7.41
Farm Labor Contractors	7.06	7.19	7.47
Farm Management Services	na	na	7.35

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

Subscriptions:

Annual subscriptions are available for \$30.00 per year. Ask for publication number LAU-15. To subscribe or for information, please call (916) 262-2162 or write to:

Employment Development Department
Labor Market Information Division
Publications Information Unit
7000 Franklin Blvd., Building 1100
Sacramento, CA 95823

The Agricultural Bulletin is also available on our Internet website at <http://www.calmis.ca.gov>.